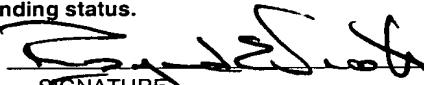


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER 60562-003
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/521 481
INTERNATIONAL APPLICATION NO. PCT/US2003/023144	INTERNATIONAL FILING DATE 24 July 2003 (24-07-03)	PRIORITY DATE CLAIMED 26 July 2002 (26-07-2002)
TITLE OF INVENTION PIPE COUPLING AND METHOD		
APPLICANT(S) FOR DO/EO/US Theodore H. KRENGEL; Curtis R. BROWN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). courtesy copy b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 612875590 US 23. <input checked="" type="checkbox"/> Other items or information: Express Mail certificate, postcard 		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/521 481		INTERNATIONAL APPLICATION NO. PCT/US03/023144		ATTORNEY'S DOCKET NUMBER 60562-003										
24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input checked="" type="checkbox"/> a) Basic national fee</td> <td style="width: 40%; text-align: right;">\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee</td> <td style="text-align: right;">\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee</td> <td style="text-align: right;">\$500.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="2" style="text-align: right;">\$1000.00</td> </tr> </table>				<input checked="" type="checkbox"/> a) Basic national fee	\$300.00	<input checked="" type="checkbox"/> b) Examination fee	\$200.00	<input checked="" type="checkbox"/> c) Search fee	\$500.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00		Applicant use Office use \$ \$300.00 \$ \$200.00 \$ \$500.00 \$ \$1,000.00
<input checked="" type="checkbox"/> a) Basic national fee	\$300.00													
<input checked="" type="checkbox"/> b) Examination fee	\$200.00													
<input checked="" type="checkbox"/> c) Search fee	\$500.00													
TOTAL OF ABOVE CALCULATIONS =														
\$1000.00														
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.														
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE										
- 100 =	/50 =			x \$250.00	\$ \$0.00									
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	14	- 20 = 0	x \$50.00	\$ \$0.00										
Independent claims	2	- 3 = 0	x \$200.00	\$ \$0.00										
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>				+ \$360.00	\$ \$0.00									
				TOTAL OF ABOVE CALCULATIONS =	\$1,000.00									
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ \$500.00										
				SUBTOTAL =	\$500.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ \$0.00										
				TOTAL NATIONAL FEE =	\$500.00									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+ \$0.00										
				TOTAL FEES ENCLOSED =	\$500.00									
				Amount to be refunded:	\$									
				Amount to be charged:	\$									
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$500.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-2789</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.														
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.														
SEND ALL CORRESPONDENCE TO:														
Raymond E. Scott														
Howard & Howard Attorneys, P.C.														
39400 Woodward Avenue														
Suite 101														
Bloomfield Hills, MI 48304														
 SIGNATURE Raymond E. Scott														
NAME														
22,981														
REGISTRATION NUMBER														

**PATENT COOPERATION TREATY
BEFORE THE IPEA/US**

Applicant: **Krengel et al.**
Int. App. Number PCT/US03/023144
Serial Number Unknown
Filed: Herewith
Title: PIPE COUPLING AND METHOD
Attorney Docket No.: 60562-003

EXPRESS MAIL CERTIFICATE

Express Mail Label Number: **EV 612875590 US**
Date of Deposit: January 20, 2005

I hereby certify that the following attached papers or fees:

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED
OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 (2
PAGES)
NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE
INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PCT AND
INTERNATIONAL SEARCH REPORT
PCT WRITTEN OPINION
NOTIFICATION OF RECEIPT OF RECORD COPY
POSTCARD
CHECK IN THE AMOUNT OF \$500.00

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to "Commissioner for Patents, MAIL STOP PCT, P.O. Box 1450, Alexandria, Virginia 22313-1450".

Natalya DeVries
Natalya DeVries